Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 10 Aug 2021 until 23:59 on Wednesday 11 Aug 2021

Forecast Issued on Tuesday 10 Aug 2021 at 02:30

Confidence: Good confidence for a mostly dry day Tuesday, and a bright start Wednesday. Confidence falls regarding the extent and timing of thicker cloud later Wednesday, along with any rain overnight into Thursday. Moderate confidence for mostly fine conditions to follow, but confidence soon falling to very low for any details beyond Friday.

Headline for Tuesday 10 Aug 2021: Fine, with sunny spells and just the odd shower possible.

Mountain weather hazards on Tuesday 10 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Cloudy	Sunny	Sunny	Clear night
Precipitation probability					
<05%	<05%	10%	10%	<05%	<05%

Forecast for Tuesday 10 Aug 2021

Weather: Rather cloudy overnight with a few clear spells but also the odd shower possible. Sunny spells developing through the day, with most routes dry. The outside chance of a further shower, mainly in the east.

Chance of cloud free mountain/hill tops above 600m: 70% at first, improving to near 100% by midday

Visibility: Poor views at first from some western tops, with cloud obscuring some hills above 600m. This soon lifting through the morning to give a day of good to very good views, with any reductions from showers moving through quickly.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 10 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/20 SW	14/19 W	15/22 W	17/24 W	15/21 W	11/16 W	9/13 SW
300	12/17 SW	12/18 W	12/18 W	13/20 W	10/16 W	6/10 W	6/8 SW
Valley	6/15 SW	8/16 W	10/19 W	11/20 W	9/18 W	4/10 W	3/7 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	12/10	13/11	14/11	13/10	11/9	10/8
300	13/11	14/12	16/14	17/14	16/14	14/12	12/12
Valley	13/12	15/14	17/16	18/16	16/15	13/13	12/12
Freezing Level*	2500m	2300m	2200m	2200m	2100m	2100m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Once any early morning showers clear, most routes are going to see a dry and generally fine day for activities on the hills. Despite this, the odd shower could catch people out, so waterproof layers should be kept available. Sunshine will also be strong when it breaks through the clouds, so appropriate protection recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 10 Aug 2021	1mm	11.8mm	28.2mm

Forecast for Wednesday 11 Aug 2021

Weather: Clear skies and light winds could allow the odd patch of mist to develop in prone valleys. This soon lifting to give a fine morning with plenty of hazy sunshine, although cloud will soon thicken from the west. A rather cloudy afternoon follows, but mostly dry. Some rain or drizzle perhaps moving in by midnight.

Maximum wind: Southerly 15-20mph gusting 25mph.

Chance of cloud free mountain/hill tops above 600m: Near 100% at first, but falling to 60% during the afternoon.

Visibility: Good views at first from most tops, once early valley mist lifts. Visibility falling to moderate as cloud thickens, especially during the afternoon, with areas of cloud obscuring tops above 500m, especially in the west by the evening.

Temperature: **Valleys:** Plus 11 Celsius becoming Plus 20 Celsius
At 600m: Plus 10 Celsius becoming Plus 15 Celsius.
Freezing level: Above the summits.

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